

ORION

BORN FROM FIRE





INSPIRATION

The powerful beauty of Sicilian lava stone, sculpted by fire and embraced by the sea, inspires a warm

Mediterranean porcelain stoneware collection. T-560

Orion captures the stone's primordial essence, infusing contemporary design with the magnetic and pristine charm of nature.

Orion

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**LAVA STONE EFFECT PORCELAIN
STONEWARE**

Lava stone is formed by the rapid cooling of volcanic magma in contact with air or seawater, developing an irregular, porous texture. Its color range from dark ash to black varies according to its mineral composition, giving it a unique appeal. For its aesthetic and Matte qualities, it is highly valued in architecture and design. Orion enhances this rock, transforming it into a distinctive element for commercial and residential spaces, giving them a bold and seductive character.





LAVA STONE EFFECT PORCELAIN STONEWARE

Surfaces capturing the Mediterranean spirit.

Ceramic slabs create modern and sophisticated environments. Together with glazed tiles, they personalize surfaces and offer solutions with a strong visual impact.



ash

Brushed R10

anthracite

SPPAAZZZZOOIL/AATTOO RR1100

black

Satin

COLORS

Volcanic stone varies in color depending on the rate of cooling and its chemical composition. Orion's color range, from smoky ash to deep black, reflects this Matte process.

SIZES

120×278 - 6mm
60×120 - 9mm | 20mm
80×80 - 9mm
7,5×60 NO RT - 9mm
20×20 NO RT

SURFACES

Satin **Matte** **R9** **Brushed** **R10**
Anti-Slip R11

COMMERCIAL /
BOUTIQUE

Floor / ASH 80×80 [32"×32"] Wall |
Furniture / Ash Mix 20×20 [8"×8"]
NO RT Orion BLACK 60×120
[24"×48"]

Orion Ash

A contemporary and versatile color characterized by a mild dynamism. The basic smoky ash is enriched with various micro-inclusions that add depth to the color.





Orion ash

COMMERCIAL /
BOUTIQUE

Decoro smaltato 20×20 NO RT
Glazed decor [8×8] NO RT

STROMBO LI ash

Il decoro in gres smaltato di Orion in una versione grigio su grigio.
Le forme in pasta di vetro impresse sulle piastrelle accentuano il
contrasto tra lucido e opaco, creando un effetto leggero e raffinato.

Orion's glazed porcelain stoneware decoration in a ash-
on-ash version. Glass paste shapes imprinted on the
tiles accentuate the contrast between glossy and matt,
creating a light and refined effect.



Ash Mix

RESIDENTIAL /
BATHROOM

Floor/ Orion ash 60×120[24”×48”] Wall |
Furniture / Ash Sea Blue Mix
20×20[8”×8”] NO RT Orion ANTHRACITE
120×278[48”×110”]



Ash Sea
Blue Mix

Ash Sea Blue Mix

Decoro smaltato 20×20 NO RT

Glazeddecor[8×8]NO RT

Il decoro in gres smaltato di Orion evoca le sfumature del mare. Su sfondo ash, forme libere di un azzurro intenso emergono, con una superficie vetrosa che contrasta con la finitura opaca della piastrella.

Orion's glazed porcelain stoneware decor evokes the shades of the sea. On a ash background, free forms of intense blue appear, with a glassy surface that contrasts with the tile's matt finish.



Floor/ Orion ASH 60×120[24"×48"] Wall/ T- 560
Orion BLACK 60×120[24"×48"] Furniture/ T- 560
Orion ANTHRACITE120×278[48"×110"] VERSILIA
BARDIGLIO SILVER 120×278[48"×110"]

RESIDENTIAL /
KITCHEN

Floor/ UNICA ash 20×180 [8"×71"] Wall/
Orion BLACK 60×120 [24"×48"] Antracite
Mix 20×20 [8"×8"] NO RT



Orion BLACK

Il magma solidificato crea un nero intenso di basalto. La finitura setosa, arricchita da piccole depressioni lucide, conferisce alle lastre ceramiche un tocco di autenticità ed eleganza assoluta.

Solidified magma creates a deep basalt black. The Satin finish, enriched with small indentations, gives the ceramic tiles a touch of authenticity and absolute elegance.



Orion

Floor / Orion BLACK
60×120[24"×48"]

COMMERCIAL/
RESTAURANT

Floor/ ANTHRACITE 8080[32"32"] Wall/
ANTHRACITE 120278 [48"110"] Antracite
Mix 2020[8"8"] NO RT Furniture/
ANTHRACITE 120278 [48"110"]



Orion ANTHRACITE

Con Anthracite, il grigio diventa più scuro e profondo. La pietra vulcanica si manifesta con forza in questo colore deciso, riflettendo le sfumature del carbone fossile. La superficie presenta irregolari microinclusioni chiare e scure.

With Anthracite, ash becomes darker and deeper. Volcanic stone is powerfully expressed in this bold color, which reflects the hues of fossil coal. The surface has irregular light and dark micro-inclusions.

Orion
anthracite



Antracite Mix

ETNA ANTHACITE

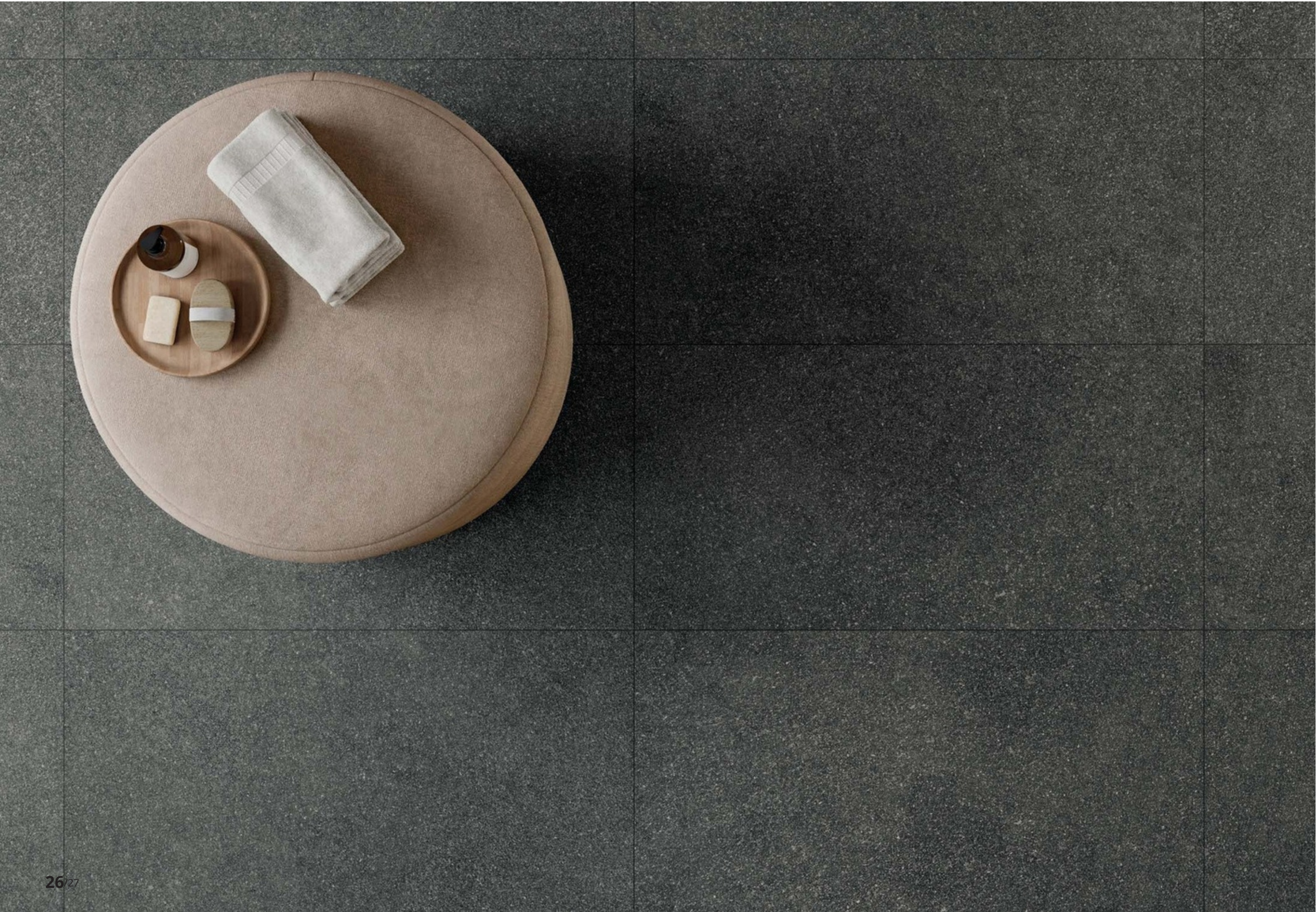
Il decoro in gres smaltato di Orion utilizza il nero lucido su sfondo grigio antracite opaco, per un effetto decorativo elegante ed essenziale.

Orion's glazed stoneware decor uses glossy black on a matte anthracite background for an elegant and essential decorative effect.

Decoro smaltato 20×20 NO RT
Glazeddecor[8×8]NO RT



Floor / Orion ANTHRACITE 60×120 [24"×48"] Wall /
Magma Mix 20×20 [8"×8"] NO RT

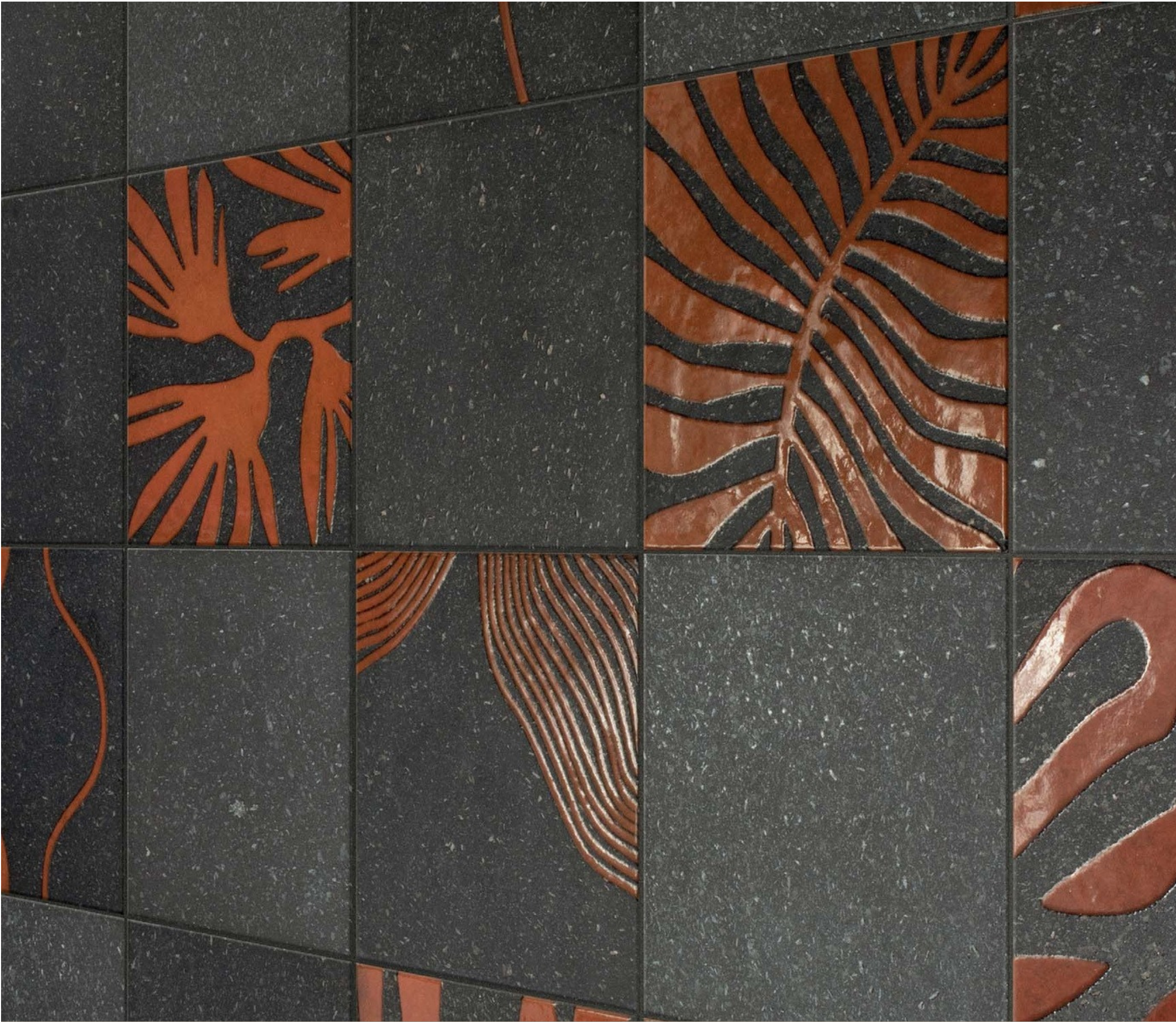


Orion
anthracite

Floor / Orion
ANTHRACITE
60×120 [24"×48"]

Magma Mix

Orion's glazed porcelain decor in a bold and creative version. Red-orange streaks and shapes in glass paste branch out against the dark ash background, creating a striking decorative effect.



Magma Mix

RESIDENTIAL /
BATHROO

Floor /
ANTHRACITE
7,5×60[3"×24"] NORT
Wall |Furniture /
ANTHRACITE
10 27 [48"×110"]



Floor /
ANTHRACITE
7,5×60 [3"×24"] NO RT

RESIDENTIAL /
OUTDOOR

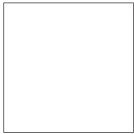
Floor / Orion
ANTHRACITE
60×120[24"×48"] **20mm**
Wall / Orion
ANTHRACITE
7,5×60[3"×24"] NO RT



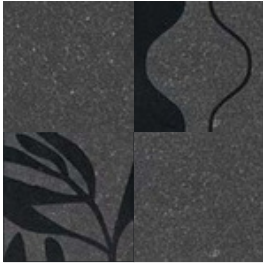
Orion
anthracite

GLAZED DECORS

	9 mm	PEZZI / MQ	25
DIMENSIONE	20×20 cm NO RT	ASSORTIMENTO	40/60% 40/60% Base Mattee



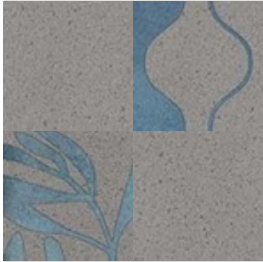
GAMMA COLORE
Esempio di posa 4pz



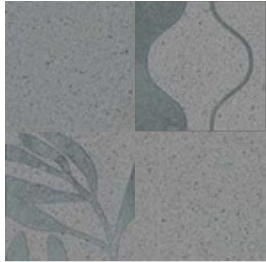
Antracite Mix



Magma Mix

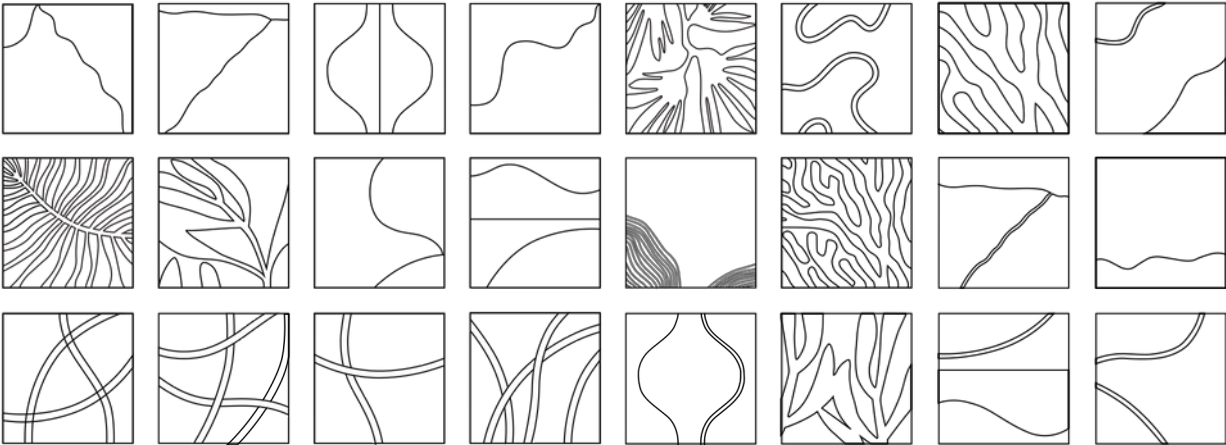


Ash Sea Blue Mix

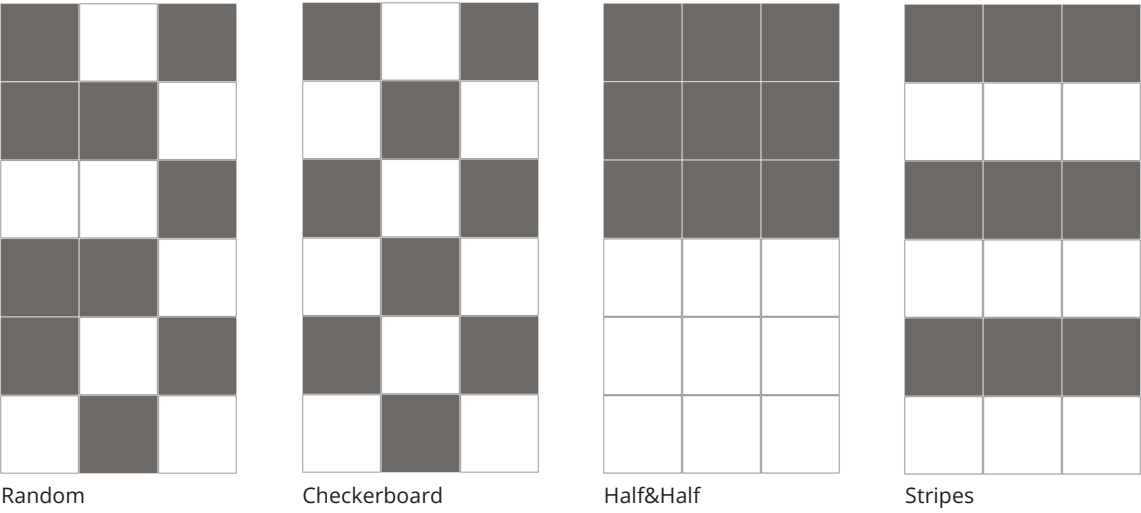


Ash Mix

MOTIVI GRAFICI
×24

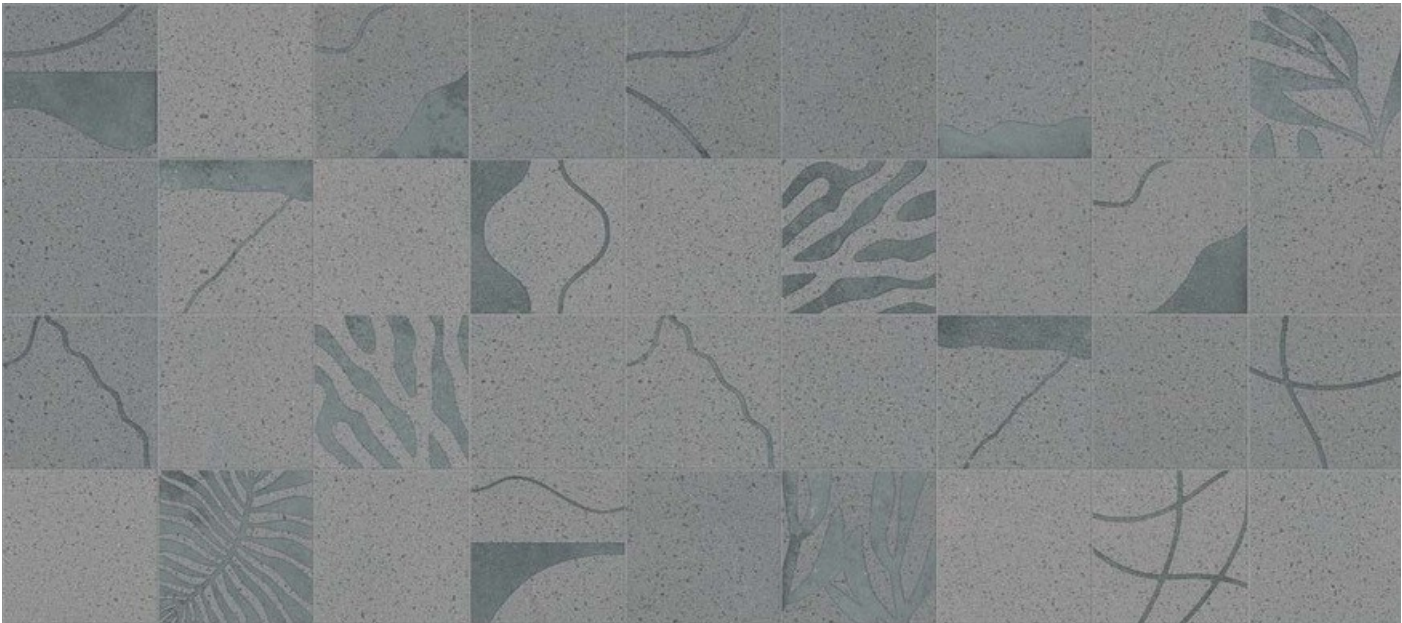


ESEMPI DI POSA

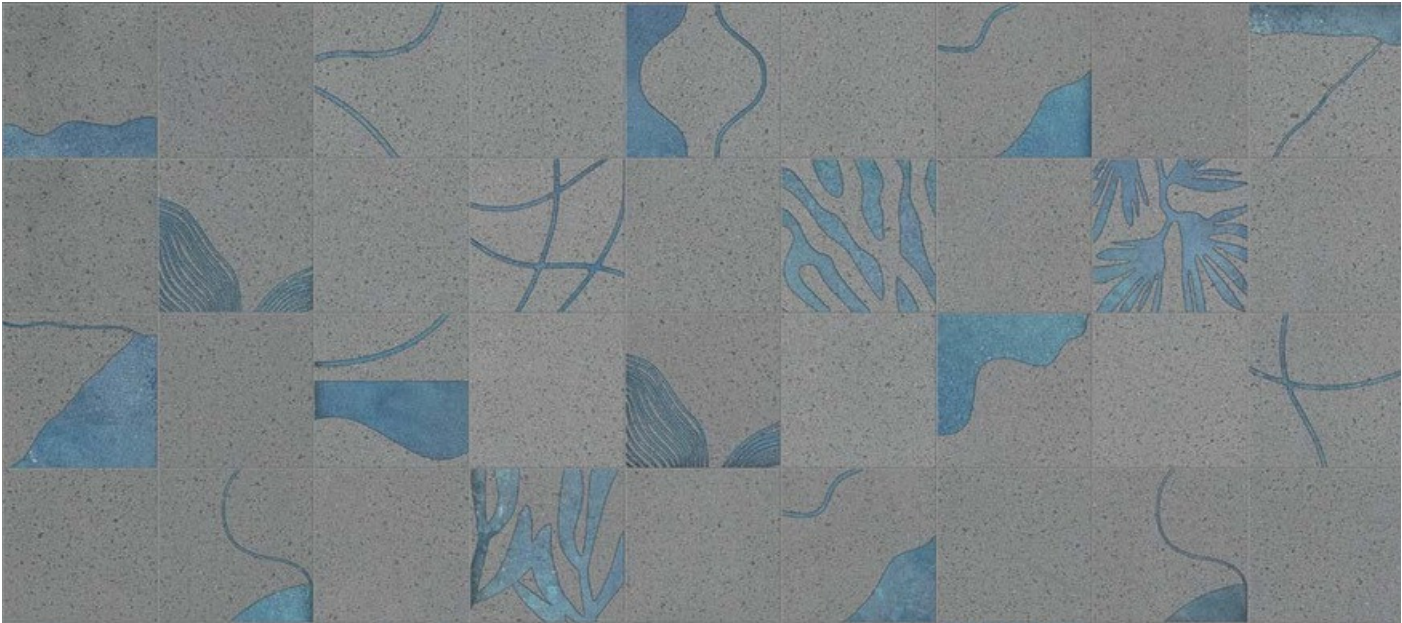


Wall/ Antracite Mix
2020[8''8''] NO RT

Ash Mix V4



Ash Sea Blue Mix
V4



● 20×20 [8"×8"] NO RT 9mm

Antracite Mix **V4**



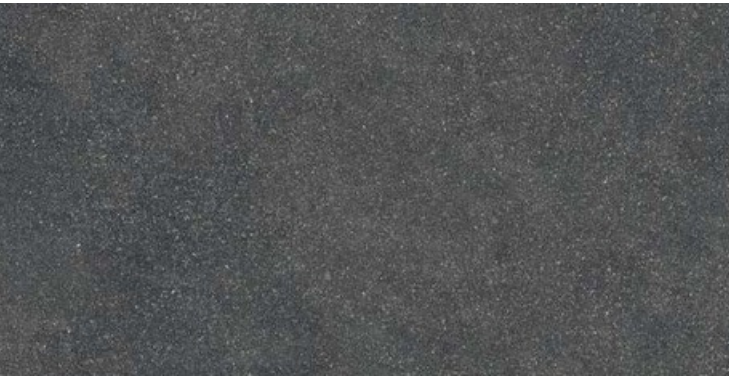
Magma Mix **V4**



● 20×20 [8"×8"] NO RT 9mm

COLOURS, SIZES & FINISHES

Orion Anthracite



Brushed R10



60×120 9mm
80×80 9mm
7,5×60 9mm
NO RT

Anti-Slip R11



60×120 20mm

Matte R9



120×278 6mm

Orion Ash



Brushed R10



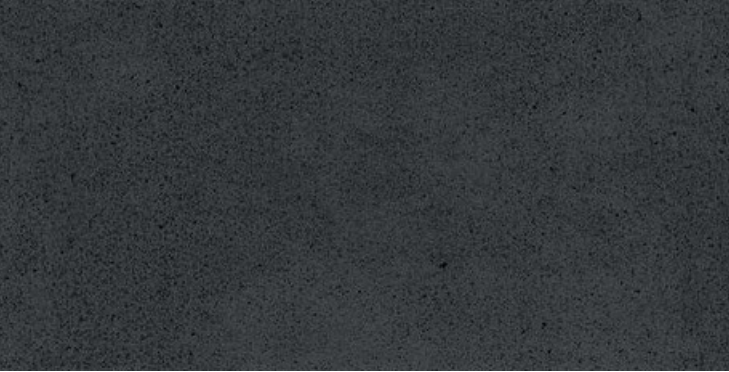
60×120 9mm
80×80 9mm
7,5×60 9mm
NO RT

Anti-Slip R11



60×120 20mm

Orion Black



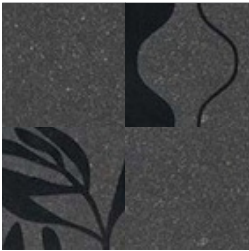
Sati



60×120 6mm
7,5×60 9mm
NO RT

GLAZED DECORS

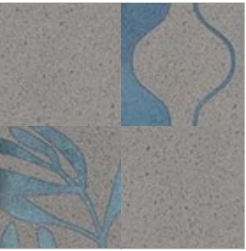
Antracite Mix



Magma Mix



Ash Sea Blue Mix



Ash Mix

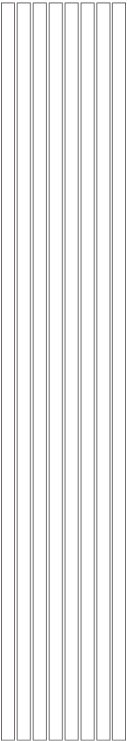


Matte R9



20×20 cm 9mm
NO RT

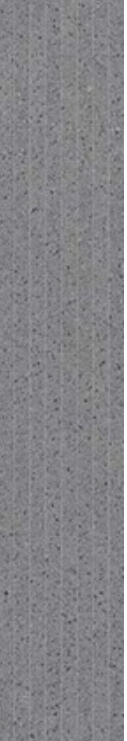
DECORS



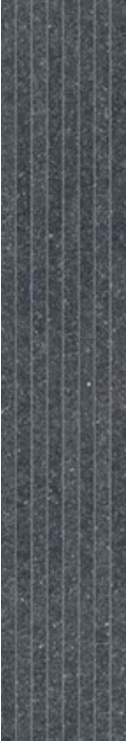
PLISSE
20×120 [8"×48"] RT 9mm



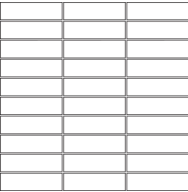
✕ Orion
BLACK



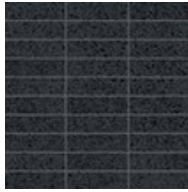
▣ Orion ash



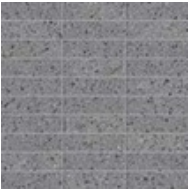
▣ Orion
ANTHRACITE



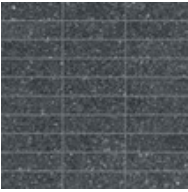
MOSAICO LISTELLI
30×30 [12"×12"] RT 9mm
TESSERE : 2,8×9,7[1¹³ 3³⁴"]



✕ Orion
BLACK



▣ Orion ash



▣ Orion
ANTHRACITE

✕ Sati | ▣ Brushed R10

specs & tech

SIZES

	120×278 (119,5x278)* 48"×110"	80×80 32"×32"	60×120 24"×48"	7,5×60 3"×24"	20×20 8"×8"	60×120 24"×48"
	RT 6 mm	RT 9mm	RT 9mm	Not RT 9mm	Not RT 9mm	RT 20mm
Orion ANTHRACITE	●	▣	▣	▣		▲
Orion ash Orion		▣	▣	▣		▲
BLACK Antracite Mix			✕	✕		
Magma Mix					●	
Ash Mix					●	
Ash Sea Blue Mix					●	
					●	

Nominal size

✕ Satin | ● Matte R9 | ▣ Brushed R10 | ▲ Anti-Slip R11

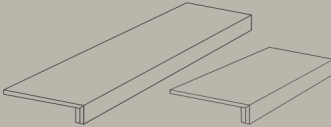
SIZE, WEIGHT AND PACKAGING

SIZE	THICKNESS	PIECES/BOX	SQM/BOX	KG/BOX	SQM/PALLET	KG/PALLET	BOX/PALLET
120×278	6 mm	1	3,32	≈ 49,56	59,80	≈ 990,08	18
80×80	9 mm	2	1,28	≈ 25,60	61,44	≈ 1.253,80	48
60×120	9 mm	2	1,44	≈ 31,93	50,40	≈ 1.138,00	35
20×20	9 mm	30	1,20	≈ 23,90	67,20	≈ 1.351,00	56
7,5×60	9 mm	22	0,99	≈ 19,10	59,40	≈ 1.159,00	60
60×120	20 mm	1	0,72	≈ 33,75	25,20	≈ 1.202,25	35

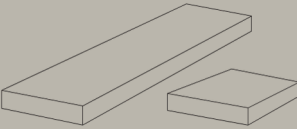
TRIMS



BATTISCOPA
BULLNOSE
✕ ▣ 4,6×120[113/16"×48"]RT 9mm
▣ 7×80[3"×48"]RT 9mm

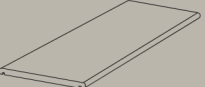


SCALINO INCOLLATO
GLUED STEP TREAD
✕ ▣ 33×120 [13"×48"]RT 9mm

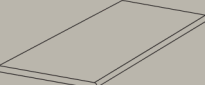


ANGOLARE INCOLLATO
GLUED CORNER STEP TREAD
✕ ▣ 33×120 [13"×48"] RT 9mm

20mm / TRIMS 20mm



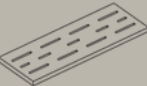
TOP BORDO TORO
BULLNOSEEDGE TOP/MARCHESUP.CHANT ARRONDI /
ABGERUNDETEABDECKPLATTE/TOPCANTO ROMO
▲ 30x60[12"×24"] RT 20mm



GRADINO BORDO TORO
BULLNOSEEDGE STEP/NEZDEMARCHEARRONDI /
ABGERUNDETESTUFENPLATTE/PELDAÑO CANTO ROMO
▲ 60x120 [24"×48"]RT 20mm
▲ 30x120 [12"×48"] RT 20mm
▲ 30x60[12"×24"] RT 20mm



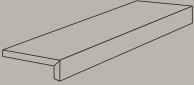
ANGOLARE INTERNO BORDO TORO
INT.BULLNOSEEDGE CORNER/ANG.INT.CHANTARRONDI /
AUSSENECKTRITTSTUFE/ANG.INT.CANTO ROMO
▲ 60x120[24"×48"]RT 20mm
▲ 30x120[12"×48"] RT 20mm
▲ 30x60 [12"×24"]RT 20mm



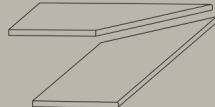
GRIGLIA
GRID / GRIL / GRILL / REJILLA
▲ 15x60[6"×24"]RT 20mm



CORDOLO L
LKERB / BORDURE EN L / KANTE L-FORM /
CANTONERA L [PEGADA]
▲ 60x20x15 [24"×8"×6"]RT 20mm



TERMINALE L
LTERMINAL/NEZDE MARCHE ENL/
▲ 120x45x15 [48"×18"×6"]RT 20mm
▲ 60x33x5[13"×24"×2"] RT 20mm
▲ 60x20x5 [24"×8"×2"]RT 20mm



ANGOLARE ESTERNO BORDO TORO
EXT.BULLNOSEEDGE CORNER/ANG.EXT.CHANTARRONDI /
AUSSENECKTRITTSTUFE/ANG.EXT.CANTO ROMO
▲ 60x120[24"×48"]RT 20mm
▲ 30x120[12"×48"]RT 20mm
▲ 30x60 [12"×24"]RT 20mm



ANGOLARE GRIGLIA
CORNERGRID / GRILLE D'ANGLE /
ECKEGRAT / ANGULAR REJILLA
▲ 15x60 [6"×24"]RT 20mm

INFORMAZIONI TECNICHE / TECHNICAL FEATURES

INFORMAZIONI TECNICHE TECHNICAL FEATURES		NORMA NORM EN14411 - ISO 13006	REQUISITI PRESCRITTI REQUIRED VALUES	VALORI VALUES			
	DIMENSIONI RETTIFICATO SIZES RECTIFIED	ISO 10545-2	lunghezza-larghezza / lenght-width ±0,3% (±1,0 mm max)	CONFORME COMPLIANT			
			/ thickness ±5,0% (±0,5 mm max)				
			ortogonalità / rectangularity ±0,3% (±1,5 mm max)				
			rettilinearità / straightness ±0,3% (±0,8 mm max)				
			planarità / flatness ±0,4% (±1,8 mm max)				
	qualità superficie / surface quality ≥95%						
	DIMENSIONI NON RETTIFICATO SIZES NOT RECTIFIED	ISO 10545-2	lunghezza-larghezza / lenght-width ±0,3% (±1,0 mm max)		CONFORME COMPLIANT 7,5x60 - 20x20		
			/ thickness ±5,0% (±0,5 mm max)				
			ortogonalità / rectangularity ±0,3% (±1,5 mm max)				
			rettilinearità / straightness ±0,3% (±0,8 mm max)				
planarità / flatness ±0,4% (±1,8 mm max)							
qualità superficie / surface quality ≥95%							
	ASSORBIMENTO ACQUA WATER ABSORPTION	ISO 10545-3	≤0,5%	≤0,1%	6		
	RESISTENZA A ROTTURA BREAKING STRENGHT	ISO 10545-4	R≥35 N/mm2 S7≥00 N (7<,5 mm) S1≥300 N (7≥,5 mm)	mm	9 mm	20 mm	
				R≥40 N/mm2 S1≥000 N	R≥40 N/mm2 S1≥500 N	R≥45 N/mm2 S1≥0000 N	
	RES. ABRASIONE PROFONDA DEEP ABRASION RESISTANCE	ISO 10545-6	≤175 mm3	≤150 mm3			
	RES. ABRASIONE SUPERFICIALE (20x20) SURFACE ABRASION RESISTANCE (20x20 GLAZED DECORS)	ISO 10545-7	dichiarare un valore / declare a value	TEST DISPONIBILE TEST AVAILABLE			
	RESISTENZA SHOCK TERMICI THERMAL SHOCK RESISTANCE	ISO 10545-9	resistenza / resistant	CONFORME COMPLIANT			
	RESISTENZA AL GELO FROST RESISTANCE	ISO 10545-12	resistenza / resistant	CONFORME COMPLIANT			
	RESISTENZA CHIMICA CHEMICAL RESISTANCE	ISO 10545-13	resistenza / resistant	CONFORME COMPLIANT			
	RESISTENZA ALLE MACCHIE RESISTANCE TO STAINS	ISO 10545-14	resistenza / resistant	CONFORME COMPLIANT			
	CLASSIFICAZIONE ALTISDRUCCIOLO ASSESSMENT OF SLIP RESISTANCE	EN 16165 Annex A (DIN 51097)		- Satin A Matte R9 A+B Brushed R10 A+B+C Anti-Slip R11 - Satin 60×120 - 7,5×60 Not RT R9 120×278 - 20×20 Not RT R10 80×80 - 60×120 - 7,5×60 Not RT R11 60×120 20mm			
		EN 16165 Annex B (DIN 51130)					
		EN 16165 Annex C (BS 7976-2:2002 UK - Pendulum Test Value)					
		ANSI A326.3 Test metod (DCOF)		in test			
				>0,42 bagnato / wet	CONFORME (NO Satin E R9) / COMPLIANT		
		B.C.R.A. (COF)	>0,40 bagnato / wet	CONFORME (NO Satin E R9) / COMPLIANT			

Piastrille pressate a secco - Conforme alla norma EN 14411 e ISO 13006 appendice G gruppo B1-a con $E \leq 0,5\%$
Dry pressed tiles - Compliant with standards EN 14411 and ISO 13006 annex G group B1-a with $E \leq 0,5\%$

Fuga minima consigliata per posa in interno 2 mm, in esterno 4 mm
Minimum suggested joint for indoor laying 2 mm, for outdoor 4 mm

Consigli di posa, pulizia e manutenzione al link T&C.com
Advice on laying, cleaning and maintenance at the link T&C.com

NOTE/
NOTES



MORE INFO:



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info@tncsurfaces.com
Phone: 212-679-0312

